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| U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE   |  | DATE: July 19, 2004                            |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>  |  | U.S. APPL. NO. (if known):<br><b>10/501813</b> |
| INTERNATIONAL APPLICATION NO.:<br>PCT/JP03/00354   | INTERNATIONAL FILING DATE:<br>JANUARY 17, 2003 | PRIORITY DATE CLAIMED:<br>JANUARY 18, 2002     |
| TITLE OF INVENTION: <b>METHOD FOR FORMING HIGH-Re-CONTENT ALLOY FILM THROUGH ELECTROPLATING PROCESS</b>  |  |  |
| APPLICANT(S) FOR DO/EO/US: <b>Toshio NARITA, Shigenari HAYASHI, Takayuki YOSHIOKA, Hiroshi YAKUWA, Michiaki SOUMA and Michihisa FUKUMOTO</b>   |  |  |
| Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |  |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (17) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).               <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |  |  |
| <b>ITEMS 11. TO 16. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b>   |  |  |
| <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 together with the international search report, PTO-1449 and 4 references.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. ASSIGNEES NAMES AND ADDRESSES: <u>(1) JAPAN SCIENCE AND TECHNOLOGY AGENCY, Kawaguchi-shi, Sapporo-shi, Japan</u>; <u>(2) EBARA CORPORATION, Tokyo, Japan; and (3) SAPPORO ELECTROPLATING INDUSTRIAL CO., LTD., Sapporo-shi, Japan</u><br/>Please publish the assignee data with the application.</li> <li>13. <input type="checkbox"/> <b>FIRST</b> preliminary amendment.</li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>16. <input checked="" type="checkbox"/> Other items or information: 3 sheets of drawings.</li> </ol>  |  |  |

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| 17. <input checked="" type="checkbox"/> The following fees are submitted:<br><br><b>Basic National Fee (37 CFR 1.492(a)(1)-(5):</b><br>Search Report has been prepared by the EPO or JPO: ..... \$920.00<br><br>International preliminary examination fee paid<br>to USPTO (37 CFR 1.482)..... \$730.00<br><br>No international preliminary examination fee paid<br>to USPTO (37 CFR 1.482) but international search fee<br>paid to USPTO (37 CFR 1.445(a)(2)) ..... \$770.00<br><br>Neither international preliminary examination fee<br>(37 CFR 1.482) nor international search fee<br>(37 CFR 1.445(a)(2)) paid to USPTO ..... \$1080.00<br><br>International preliminary examination fee<br>(37 CFR 1.482) and all claims satisfied provisions<br>of PCT Article 33(2)-(4)..... \$100.00<br><br><div style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div> | <u>CALCULATIONS</u> | <u>PTO USE ONLY</u> |
| <b>\$ 920.00</b>  |                     |                     |

  

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| Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <u>  x  </u> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | <b>\$ 130.00</b> |  |
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| CLAIMS   | NUMBER FILED | NUMBER EXTRA | RATE       |                   |    |
|--|--------------|--------------|------------|-------------------|----|
| TOTAL  | 12 - 20 =    |              | X \$ 18.00 |                   |    |
| INDEPENDENT  | 2 - 3 =      |              | X \$ 86.00 |                   |    |
| Multiple dependent claims(s) (if applicable)   |              |              | + \$290.00 | <b>\$ 290.00</b>  |    |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |              |            | <b>\$1,340.00</b> |    |
| Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).   |              |              |            |                   |    |
| <b>SUBTOTAL =</b>  |              |              |            | <b>\$1,340.00</b> |    |
| Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +                         |              |              |            |                   |    |
| <b>TOTAL NATIONAL FEE =</b>  |              |              |            | <b>\$1,340.00</b> |    |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31).<br><b>\$40.00 per property +</b> |              |              |            |                   |    |
| <b>TOTAL FEES ENCLOSED =</b>   |              |              |            | <b>\$1,340.00</b> |    |
|  |              |              |            | Amount to be:     |    |
|  |              |              |            | refunded          | \$ |
|  |              |              |            | charged           | \$ |

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| U.S. APPLICATION NO.<br>(if known) <b>10/501813</b>   | INTERNATIONAL APPLICATION NO.<br><b>PCT/JP03/00354</b>  | DATE: <b>July 19, 2004</b> |
| <p>a. <u>XX</u> A check in the amount of \$1,340.00 to cover the above fees is enclosed. (\$920.00 for basic filing fee; \$290.00 for multiple dependent claims and \$130.00 for late filing of the declaration). (This paper is filed in triplicate)</p> <p>b. <u>   </u> Please charge my Deposit Account No. 50-2866 in the amount of \$<u>   </u> to cover the above fees. (A duplicate copy of this sheet is enclosed.)</p> <p>c. <u>XX</u> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2866.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.</p> |   |                            |
| Send All Correspondence To:   | WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP<br>Suite 700<br>1250 Connecticut Avenue, N.W.<br>Washington, D.C. 20036<br>CUSTOMER No. 38834 |                            |
| Typed or Printed Name   | Sadao Kinashi   | Reg. No. 48,075            |
| Signature   | <i>Sadao Kinashi</i>  | Date: July 19, 2004        |

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